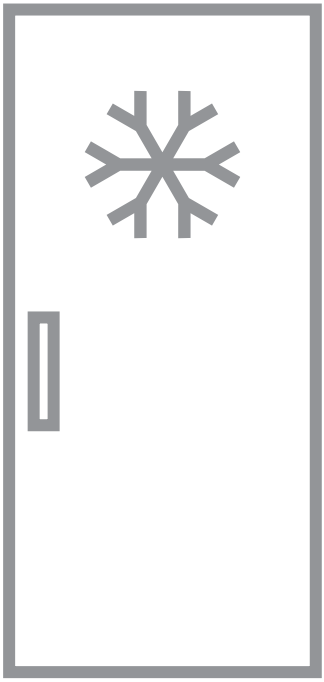
ABB682F1AF

EN **User Manual**
Freezer

USER MANUAL



AEG

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FOR PERFECT RESULTS

Thank you for choosing this AEG product. We have created it to give you impeccable performance for many years, with innovative technologies that help make life simpler – features you might not find on ordinary appliances. Please spend a few minutes reading to get the very best from it.
Visit our website for:

Get usage advice, brochures, trouble shooter, service and repair information:
www.aeg.com/support

Register your product for better service:
www.registeraeg.com

Buy Accessories, Consumables and Original spare parts for your appliance:
www.aeg.com/shop

CUSTOMER CARE AND SERVICE

Always use original spare parts.
When contacting our Authorised Service Centre, ensure that you have the following data available: Model, PNC, Serial Number.
The information can be found on the rating plate.

⚠ Warning / Caution-Safety information

ⓘ General information and tips

Environmental information

Subject to change without notice.

1. ⚠ SAFETY INFORMATION

Before the installation and use of the appliance, carefully read the supplied instructions. The manufacturer is not responsible for any injuries or damage that are the result of incorrect installation or

usage. Always keep the instructions in a safe and accessible location for future reference.

1.1 Children and vulnerable people safety

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved.
- Children aged from 3 to 8 years are allowed to load and unload the appliance provided that they have been properly instructed.
- This appliance may be used by persons with very extensive and complex disabilities provided that they have been properly instructed.
- Children of less than 3 years of age should be kept away from the appliance unless continuously supervised.
- Do not let children play with the appliance.
- Children shall not carry out cleaning and user maintenance of the appliance without supervision.
- Keep all packaging away from children and dispose of it appropriately.

1.2 General Safety

- This appliance is intended to be used in household and similar applications such as:
  - Farm houses; staff kitchen areas in shops, offices and other working environments;
  - By clients in hotels, motels, bed and breakfast and other residential type environments.
- To avoid contamination of food respect the following instructions:
  - do not open the door for long periods;
  - clean regularly surfaces that can come in contact with food and accessible drainage systems;

- WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- WARNING: Do not damage the refrigerant circuit.
- WARNING: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Do not use water spray and steam to clean the appliance.
- Clean the appliance with a moist soft cloth. Only use neutral detergents. Do not use abrasive products, abrasive cleaning pads, solvents or metal objects.
- When the appliance is empty for long period, switch it off, defrost, clean, dry and leave the door open to prevent mould from developing within the appliance.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its Authorised Service Centre or similarly qualified persons in order to avoid a hazard.

2. SAFETY INSTRUCTIONS

2.1 Installation

WARNING!
Only a qualified person must install this appliance.

- Remove all the packaging.
- Do not install or use a damaged appliance.
- Do not use the appliance before installing it in the built-in structure due to safety manner.
- Follow the installation instructions supplied with the appliance.
- Always take care when moving the appliance as it is heavy. Always use safety gloves and enclosed footwear.
- Make sure the air can circulate around the appliance.
- At first installation or after reversing the door wait at least 4 hours before connecting the appliance to the power supply. This is to allow the oil to flow back in the compressor.
- Before carrying out any operations on the appliance (e.g. reversing the door), remove the plug from the power socket.
- Do not install the appliance close to radiators or cookers, ovens or hobs.
- Do not expose the appliance to the rain.
- Do not install the appliance where there is direct sunlight.

- Do not install this appliance in areas that are too humid or too cold.
- When you move the appliance, lift it by the front edge to avoid scratching the floor.

2.2 Electrical connection

WARNING!
Risk of fire and electric shock.

WARNING!
When positioning the appliance, ensure the supply cord is not trapped or damaged.

WARNING!
Do not use multi-plug adapters and extension cables.

- The appliance must be earthed.
- Make sure that the parameters on the rating plate are compatible with the electrical ratings of the mains power supply.
- Always use a correctly installed shockproof socket.
- Make sure not to cause damage to the electrical components (e.g. mains plug, mains cable, compressor). Contact the Authorised Service Centre or an electrician to change the electrical components.
- The mains cable must stay below the level of the mains plug.
- Connect the mains plug to the mains socket only at the end of the installation. Make sure that there is access to the mains plug after the installation.
- Do not pull the mains cable to disconnect the appliance. Always pull the mains plug.

2.3 Use

WARNING!
Risk of injury, burns, electric shock or fire.

The appliance contains flammable gas, isobutane (R600a), a natural gas with a high level of environmental compatibility. Be careful not to cause damage to the refrigerant circuit containing isobutane.

- Do not change the specification of this appliance.
- Do not put electrical appliances (e.g. ice cream makers) in the appliance unless they are stated applicable by the manufacturer.
- If damage occurs to the refrigerant circuit, make sure that there are no flames and sources of ignition in the room. Ventilate the room.
- Do not let hot items to touch the plastic parts of the appliance.
- Do not put soft drinks in the freezer compartment. This will create pressure on the drink container.
- Do not store flammable gas and liquid in the appliance.
- Do not put flammable products or items that are wet with flammable products in, near or on the appliance.
- Do not touch the compressor or the condenser. They are hot.
- Do not remove or touch items from the freezer compartment if your hands are wet or damp.
- Do not freeze again food that has been thawed.
- Follow the storage instructions on the packaging of frozen food.
- Wrap the food in any food contact material before putting it in the freezer compartment.

2.4 Care and cleaning

WARNING!
Risk of injury or damage to the appliance.

- Before maintenance, deactivate the appliance and disconnect the mains plug from the mains socket.
- This appliance contains hydrocarbons in the cooling unit. Only a qualified person must do the maintenance and the recharging of the unit.
- Regularly examine the drain of the appliance and if necessary, clean it. If the drain is blocked, defrosted water collects in the bottom of the appliance.

2.5 Service

- To repair the appliance contact the Authorised Service Centre. Use original spare parts only.
- Please note that self-repair or non-professional repair can have safety consequences and might void the guarantee.
- The following spare parts will be available for 7 years after the model has been discontinued: thermostats, temperature sensors, printed circuit boards, light sources, door handles, door hinges, trays and baskets. Please note that some of these spare parts are only available to professional repairers, and that not all spare parts are relevant for all models.
- Door gaskets will be available for 10 years after the model has been discontinued.

2.6 Disposal

WARNING!
Risk of injury or suffocation.

- Disconnect the appliance from the mains supply.
- Cut off the mains cable and discard it.
- Remove the door to prevent children and pets to be closed inside of the appliance.
- The refrigerant circuit and the insulation materials of this appliance are ozone-friendly.
- The insulation foam contains flammable gas. Contact your municipal authority for information on how to discard the appliance correctly.
- Do not cause damage to the part of the cooling unit that is near the heat exchanger.

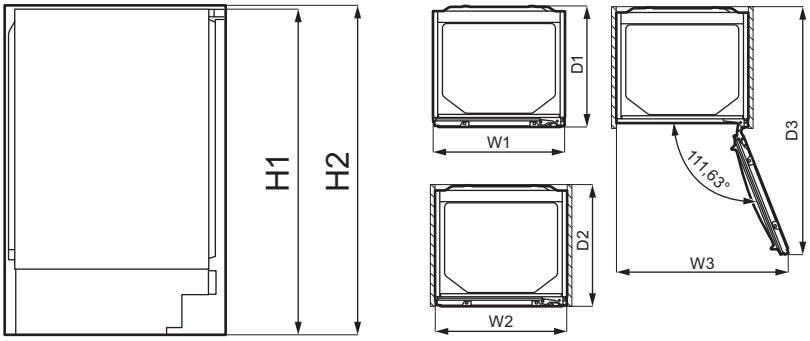
3. INSTALLATION

WARNING!
Refer to Safety chapters.

WARNING!
Refer to installation instruction document to install your appliance.

WARNING!
Fix the appliance in accordance with installation instruction document to avoid a risk of instability of the appliance.

3.1 Dimensions



Overall dimensions[1)]		
H 1	mm	819
W 1	mm	596
D 1	mm	547

1) the height, width and depth of the appliance without the handle and feet

Space required in use[1)]		
H 2	mm	820
W 2	mm	596
D 2	mm	550

1) the height, width and depth of the appliance including the handle, plus the space necessary for free circulation of the cooling air

Overall space required in use[1)]		
H 2	mm	820
W 3	mm	777
D 3	mm	1120

1) the height, width and depth of the appliance including the handle, plus the space necessary for free circulation of the cooling air, plus the space necessary to allow door opening to the minimum angle permitting removal of all internal equipment

3.2 Location

To ensure appliance's best functionality, you should not install the appliance in the nearby of the heat source (oven, stoves, radiators, cookers or hobs) or in a place with direct sunlight. Make sure that air can circulate freely around the back of the cabinet.

3.3 Positioning

This appliance should be installed in a dry, well ventilated indoor position.

This appliance is intended to be used at ambient temperature ranging from 10°C to 43°C.

If you have any doubts regarding where to install the appliance, please turn to the vendor, to our customer service or to the nearest Authorised Service Centre.

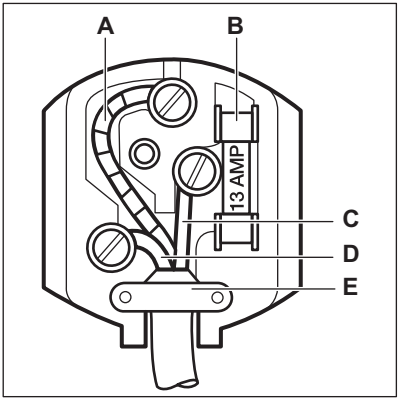
It must be possible to disconnect the appliance from the mains power supply. The plug must therefore be easily accessible after installation.

3.4 Electrical Connection

CAUTION!
Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

WARNING!
This appliance must be earthed.
The manufacturer declines any liability should these safety measures not be observed.

The wires in the mains lead are coloured in accordance with the following code:



- **A** - green and yellow: Earth
- **C** - brown: Live
- **D** - blue: Neutral

As the colours of the wires in the mains lead of this appliance may not

correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

1. Connect the wire coloured green and yellow to the terminal marked either with the letter "E" or by the earth symbol ⏚ or coloured green and yellow.
2. Connect the wire coloured blue to the terminal either marked with the letter "N" or coloured black.
3. Connect the wire coloured brown to the terminal either marked with the "L" or coloured red.
4. Check that no cut, or stray strands of wire is present and the cord clamp (**E**) is secure over the outer sheath. Make sure the electricity supply voltage is the same as that indicated on the appliance rating plate.
5. Switch on the appliance.

The appliance is supplied with a 13 amp fuse (**B**). In the event of having to change the fuse in the plug supplied, a 13 amp ASTA approved (BS 1362) fuse must be used.

WARNING!
A cut off plug inserted into a 13 amp socket is a serious safety (shock) hazard. Ensure that it is disposed of safely.

3.5 Ventilation requirements

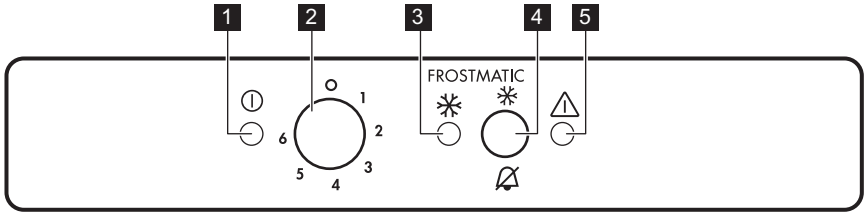
CAUTION!
Refer to the installation instructions for the installation.

3.6 Door reversibility

Please refer to the separate document with instructions on installation and door reversal.

CAUTION!
At every stage of reversing the door protect the floor from scratching with a durable material.

4. CONTROL PANEL



1 Power indicator light
2 Temperature regulator and On/Off switch
3 Frostmatic light
4 Frostmatic switch and alarm reset switch
5 Alarm light

4.1 Switching on

1. Insert the plug into the wall socket.
2. Turn the Temperature regulator clockwise to a medium setting.

If the temperature inside the appliance is too high, the Alarm light will blink and the acoustic alarm will turn on.

3. Push the Frostmatic switch and the acoustic alarm will turn off. The Alarm light will blink until the internal temperature has reached a level required for the safe conservation of frozen food.

4.2 Switching off

1. Turn the Temperature regulator to the "O" position.

The Power indicator light will switch off.

2. Remove the plug from the wall socket.

4.3 Temperature regulation

The temperature is regulated automatically. However, you can set a temperature inside the appliance yourself.

Choose the setting keeping in mind that the temperature inside the appliance depends on:

- room temperature,
- frequency of opening the door,
- quantity of food stored,
- appliance location.

A medium setting is generally the most suitable one.

To operate the appliance:

1. Turn the temperature regulator clockwise to obtain a lower temperature inside the appliance.
2. Turn the temperature regulator counterclockwise to obtain a higher temperature inside the appliance.

4.4 Frostmatic function

The Frostmatic is used to perform pre-freezing and fast freezing in sequence of Freezer compartment. This function accelerates the freezing of fresh food and, at the same time, protects foodstuffs already stored from undesirable warming.

To freeze fresh food activate the Frostmatic function at least 24 hours before placing the food to complete pre-freezing.

To switch on the function:

1. Press the Frostmatic button for 2-3 seconds to activate the Frostmatic function. The Frostmatic light will switch on.
2. Place the food in the freezing compartment and keep the Frostmatic function switched on for further 24 hours. Refer to "Freezing fresh food" section.

This function stops automatically after 52 hours. It is possible to deactivate the function at any time by pressing the Frostmatic switch for 2-3 seconds.

4.5 High temperature alarm

When there is a temperature increase in the freezer compartment (e.g. due to a power failure) the Alarm light is blinking and sound is on.

The sound can be switched off at any time by pressing the Alarm reset switch.

When normal conditions are restored the Alarm light stops blinking and the sound turns off automatically.

4.6 Door open alarm

An acoustic alarm sounds when the door is left open for around 80 seconds.

After closing the door, the acoustic alarm stops.

In any case, press the Alarm reset switch to deactivate the acoustic alarm.

5. DAILY USE

5.1 Freezing fresh food

The freezer compartment is suitable for freezing fresh food and storing frozen and deep-frozen food for a long time.

To freeze fresh food activate the Frostmatic function at least 24 hours before placing the food to be frozen in the freezer compartment.

Store the fresh food evenly distributed in the first compartment or drawer from the top.

The maximum amount of food that can be frozen without adding other fresh food during 24 hours is specified on the rating plate (a label located inside the appliance).

When the freezing process is complete, the appliance automatically returns to the previous temperature setting (see "Frostmatic Function").

5.2 Storage of frozen food

When activating an appliance for the first time or after a period out of use, before putting the products in the compartment let the appliance run at least 3 hours with the Frostmatic function switched on.

The freezer drawers ensure that it is quick and easy to find the food package you want. If large quantities of food are to be stored, remove all drawers, except for the bottom drawer which needs to be in place to provide good air circulation.

Keep the food no closer than 15 mm from the door.

CAUTION!
In the event of accidental defrosting, for example due to a power failure, if the power has been off for longer than the value shown on rating plate under "rising time", the defrosted food must be consumed quickly or cooked immediately then cooled and then re-frozen. Refer to "High temperature alarm".

5.3 Thawing

Deep-frozen or frozen food, prior to being consumed, can be thawed in the refrigerator or inside a plastic bag under cold water.

This operation depends on the time available and on the type of food. Small pieces may even be cooked still frozen.

6. HINTS AND TIPS

6.1 Hints for energy saving

- The internal configuration of the appliance is the one that ensures the most efficient use of energy.
- Do not open the door frequently or leave it open longer than necessary.
- The colder the temperature setting, the higher the energy consumption.
- Ensure a good ventilation. Do not cover the ventilation grilles or holes.

6.2 Hints for freezing

- Activate Frostmatic function at least 24 hours before placing the food inside the freezer compartment.
- Before freezing wrap and seal fresh food in: aluminium foil, plastic film or bags, airtight containers with lid.
- For more efficient freezing and thawing divide food into small portions.
- It is recommended to put labels and dates on all your frozen food. This will help to identify foods and to know when they should be used before their deterioration.
- The food should be fresh when being frozen to preserve good quality. Especially fruits and vegetables should be frozen after the harvest to preserve all of their nutrients.
- Do not freeze bottles or cans with liquids, in particular drinks containing carbon dioxide - they may explode during freezing.
- Do not put hot food in the freezer compartment. Cool it down at room temperature before placing it inside the compartment.
- To avoid increase in temperature of already frozen food, do not place fresh unfrozen food directly next to it. Place food at room temperature in the part of the freezer compartment where there is no frozen food.
- Do not eat ice cubes, water ices or ice lollies immediately after taking them out of the freezer. Risk of frostbites.

- Do not re-freeze defrosted food. If the food has defrosted, cook it, cool it down and then freeze it.

6.3 Hints for storage of frozen food

- The medium temperature setting ensures good preservation of frozen food products.
  Higher temperature setting inside the appliance may lead to shorter shelf life.
- The whole freezer compartment is suitable for storage of frozen food products.
- Leave enough space around the food to allow air to circulate freely.
- For adequate storage refer to food packaging label to see the shelf life of food.
- It is important to wrap the food in such a way that prevents water, humidity or condensation from getting inside.

6.4 Shopping tips

After grocery shopping:

- Ensure that the packaging is not damaged - the food could be deteriorated. If the package is swollen or wet, it might have not been stored in the optimal conditions and defrosting may have already started.
- To limit the defrosting process buy frozen goods at the end of your grocery shopping and transport them in a thermal and insulated cool bag.
- Place the frozen foods immediately in the freezer after coming back from the shop.
- If food has defrosted even partially, do not re-freeze it. Consume it as soon as possible.
- Respect the expiry date and the storage information on the package.

6.5 Shelf life

Type of food	Shelf life (months)
Bread	3
Fruits (except citrus)	6 - 12
Vegetables	8 - 10
Leftovers without meat	1 - 2
Dairy food:	
Butter	6 - 9
Soft cheese (e.g. mozzarella)	3 - 4
Hard cheese (e.g. parmesan, cheddar)	6
Seafood:	
Fatty fish (e.g. salmon, mackerel)	2 - 3
Lean fish (e.g. cod, flounder)	4 - 6
Shrimps	12
Shucked clams and mussels	3 - 4
Cooked fish	1 - 2
Meat:	

Type of food	Shelf life (months)
Poultry	9 - 12
Beef	6 - 12
Pork	4 - 6
Lamb	6 - 9
Sausage	1 - 2
Ham	1 - 2
Leftovers with meat	2 - 3

7. CARE AND CLEANING

WARNING!
Refer to Safety chapters.

7.1 Cleaning the interior

Before using the appliance for the first time, the interior and all internal accessories should be washed with lukewarm water and some neutral soap to remove the typical smell of a brand-new product, then dried thoroughly.

CAUTION!
Do not use detergents, abrasive powders, chlorine or oil-based cleaners as they will damage the finish.

CAUTION!
The accessories and parts of the appliance are not suitable for washing in a dishwasher.

7.2 Periodic cleaning

The equipment has to be cleaned regularly:

1. Clean the inside and accessories with lukewarm water and some neutral soap.
2. Regularly check the door seals and wipe them clean to ensure they are clean and free from debris.
3. Rinse and dry thoroughly.

7.3 Defrosting of the freezer

CAUTION!
Never use sharp metal tools to scrape off frost from the evaporator as you could damage it.
Do not use a mechanical device or any artificial means to speed up the thawing process other than those recommended by the manufacturer.

About 12 hours prior to defrosting set a lower temperature in order to build up sufficient chill reserve in case of any interruption in operation.

A certain amount of frost will always form on the freezer shelves and around the top compartment.

Defrost the freezer when the frost layer reaches a thickness of about 3-5 mm.

1. Switch off the appliance or pull out electrical plug from the wall socket.
2. Remove any stored food and put it in a cool place.

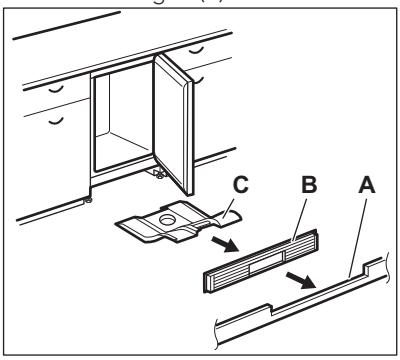
CAUTION!
A temperature rise of the frozen food packs during defrosting may shorten their safe storage life.
Do not touch frozen goods with wet hands. Hands can freeze to the goods.

3. Leave the door open. Protect the floor from the defrosting water e.g. with a cloth or a flat vessel.
4. In order to speed up the defrosting process, place a pot of warm water in the freezer compartment. In addition, remove pieces of ice that break away before defrosting is complete.
5. When defrosting is complete, dry the interior thoroughly.
6. Switch on the appliance and close the door.
7. Set the temperature regulator to obtain the maximum coldness and run the appliance for at least 3 hours using this setting.

Only after this time put the food back into the freezer compartment.

7.4 Cleaning the air channels

1. Remove the plinth (A), then the ventilation grid (B).



2. Clean the ventilation grid.
3. Carefully pull the air deflector out (C), checking that there is no water left from the defrosting.
4. Clean the lower part of the appliance with a vacuum cleaner.

7.5 Period of non-operation

When the appliance is not in use for long period, take the following precautions:

1. Disconnect the appliance from electricity supply.
2. Remove all food.
3. Defrost the appliance.
4. Clean the appliance and all accessories.
5. Leave the door open to prevent unpleasant smells.

8. TROUBLESHOOTING

WARNING!
Refer to Safety chapters.

8.1 What to do if...

Problem	Possible cause	Solution
The appliance does not operate.	The appliance is switched off.	Switch on the appliance.
	The mains plug is not connected to the mains socket correctly.	Connect the mains plug to the mains socket correctly.

Problem	Possible cause	Solution
	There is no voltage in the mains socket.	Connect a different electrical appliance to the mains socket. Contact a qualified electrician.
The appliance is noisy.	The appliance is not supported properly.	Check if the appliance stands stable.
Acoustic or visual alarm is on.	The cabinet has been recently switched on.	Refer to "Door Open Alarm" or "High Temperature Alarm".
	The temperature in the appliance is too high.	Refer to "Door Open Alarm" or "High Temperature Alarm".
	The door is left open.	Close the door.
The compressor operates continually.	Temperature is set incorrectly.	Refer to "Control Panel" chapter.
	Many food products were put in at the same time.	Wait a few hours and then check the temperature again.
	The room temperature is too high.	Refer to "Installation" chapter.
	Food products placed in the appliance were too warm.	Allow food products to cool to room temperature before storing.
	The door is not closed correctly.	Refer to "Closing the door" section.
	The Frostmatic function is switched on.	Refer to "Frostmatic function" section.
The compressor does not start immediately after pressing the "Frostmatic", or after changing the temperature.	The compressor starts after a period of time.	This is normal, no error has occurred.
Door is misaligned or interferes with ventilation grill.	The appliance is not levelled.	Refer to installation instructions.
Door does not open easily.	You attempted to re-open the door immediately after closing.	Wait a few seconds between closing and re-opening of the door.
There is too much frost and ice.	The door is not closed correctly.	Refer to "Closing the door" section.

Problem	Possible cause	Solution
	The gasket is deformed or dirty.	Refer to "Closing the door" section.
	Food products are not wrapped properly.	Wrap the food products better.
	Temperature is set incorrectly.	Refer to "Control Panel" chapter.
	Appliance is fully loaded and is set to the lowest temperature.	Set a higher temperature. Refer to "Control Panel" chapter.
	Temperature set in the appliance is too low and the ambient temperature is too high.	Set a higher temperature. Refer to "Control Panel" chapter.
Water flows on the floor.	The melting water outlet is not connected to the evaporative tray above the compressor.	Attach the melting water outlet to the evaporative tray.
Temperature cannot be set.	The "Frostmatic function" is switched on.	Switch off "Frostmatic function" manually, or wait until the function deactivates automatically to set the temperature. Refer to "Frostmatic function" section.
The temperature in the appliance is too low/too high.	The temperature is not set correctly.	Set a higher/lower temperature.
	The door is not closed correctly.	Refer to "Closing the door" section.
	The food products' temperature is too high.	Let the food products temperature decrease to room temperature before storage.
	Many food products are stored at the same time.	Store less food products at the same time.
	The thickness of the frost is greater than 4-5 mm.	Defrost the appliance.
	The door has been opened often.	Open the door only if necessary.
	The Frostmatic function is switched on.	Refer to "Frostmatic function" section.

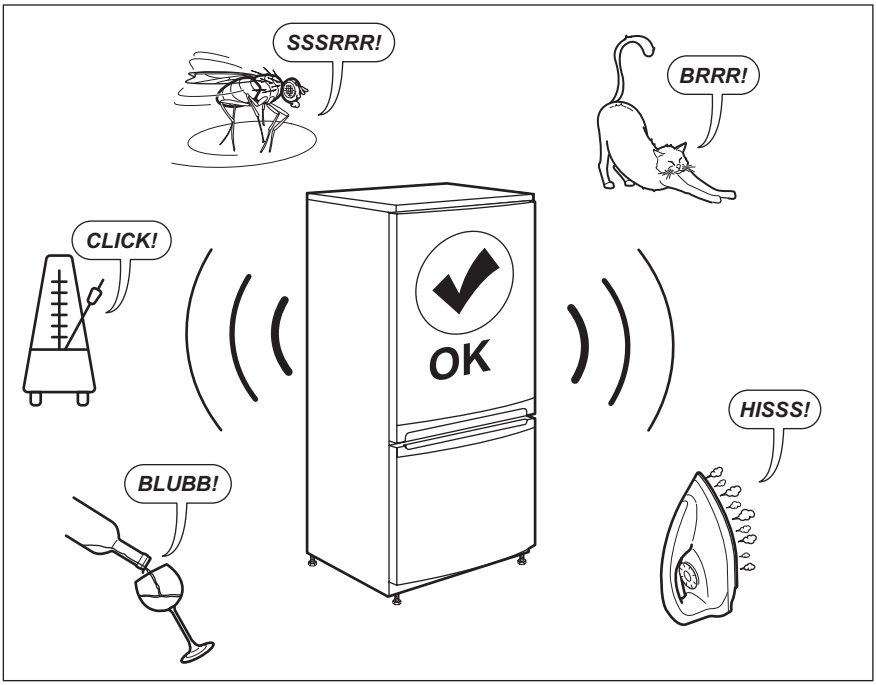
Problem	Possible cause	Solution
	There is no cold air circulation in the appliance.	Make sure that there is cold air circulation in the appliance. Refer to "Hints and Tips" chapter.
Power indicator light flashes.	An error has occurred in measuring the temperature.	Contact a qualified electrician or the nearest Authorized Service Centre.

If the advice does not lead to the desired result, call the nearest Authorized Service Centre.

8.2 Closing the door

1. Clean the door gaskets.
2. If necessary, adjust the door. Refer to installation instructions.
3. If necessary, replace the defective door gaskets. Contact the Authorised Service Centre.

9. NOISES



10. TECHNICAL DATA

The technical information is situated in the rating plate on the internal side of the appliance and on the energy label.

The QR code on the energy label supplied with the appliance provides a web link to the information related to the performance of the appliance in the EU EPREL database. Keep the energy label for reference together with the user manual and all other documents provided with this appliance.

It is also possible to find the same information in EPREL using the link *https://eprel.ec.europa.eu* and the model name and product number that you find on the rating plate of the appliance.

11. INFORMATION FOR TEST INSTITUTES

Installation and preparation of the appliance for any EcoDesign verification shall be compliant with EN 62552. Ventilation requirements, recess dimensions and minimum rear clearances shall be as stated in this User Manual at Chapter 3. Please contact the manufacturer for any other further information, including loading plans.

12. ENVIRONMENTAL CONCERNS

Recycle materials with the symbol ♺. Put the packaging in relevant containers to recycle it. Help protect the environment and human health by recycling waste of electrical and electronic appliances. Do not dispose of appliances marked with the symbol with the household waste. Return the product to your local recycling facility or contact your municipal office.

www.aeg.com/shop

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